

**Commonwealth of Kentucky
Environmental and Public Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382**

AIR QUALITY PERMIT

Issued under 401 KAR 52:030

Permittee Name: NACCO Materials Handling Group, Inc.
Mailing Address: 2200 Menelaus Pike, Berea, Kentucky 40403

Source Name: NACCO Materials Handling Group, Inc.
Mailing Address: 2200 Menelaus Pike, Berea, Kentucky 40403
Source Location: Same as above

Permit Number: F-04-005
Log Number: 55813
Review Type: Conditional Major / Synthetic Minor
KYEIS ID #: 21-151-00035
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Regional Office: Frankfort Regional Office
643 Teton Trail, STE B
Frankfort, KY 40601-1758
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County: Madison

Application
Complete Date: October 7, 2003
Issuance Date:
Expiration Date:

**John S. Lyons, Director
Division for Air Quality**

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SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:030, Federally-enforceable permits for non-major sources.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

EP01(14,15,16,17,18) Main Line Paint Booth #1 & #2 (Primer)

Description: Applicator: Air assisted airless
Control Equipment: Water washed venturi

Main Line Paint Booth #3 & #4 (Topcoat)

Description: Applicator: Air assisted airless
Control Equipment: Water washed venturi
Date Installed: 1996

Main Line Cure Oven

Description: Rated Capacity: 7.5 MMBTU/HR
Fuel: Natural Gas
Date installed: 1979

Flash Tunnels #1 & #2

Description: Flash Booth equipped with dry filter

APPLICABLE REGULATION:

401 KAR 59:010, New process operations applicable to each emission unit which commenced construction on or after July 2, 1975.

401 KAR 63:020, Potentially Hazardous Matter and Toxic Substance Emissions, applies to the potentially hazardous matter and toxic substance emissions from affected facilities.

1. Operating Limitations: The usage rate of raw materials used in all affected facilities shall be limited so that the emission limitations set forth in item 2, below, are not exceeded.

2. Emission Limitations:

- A. Source wide VOC emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
See Section D, Compliance Demonstration Method (A).
- B. HAP emissions shall not equal or exceed 9.0 tons per year of any single HAP or 22.5 tons per year of any combination of HAPs. These annual source wide limitations shall not be exceeded during any consecutive twelve (12) month period for the entire source.
See Section D, Compliance Demonstration Method (B).
- C. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
See Section D, Compliance Demonstration Method (C).
- D. Limits are per spray booth.
 - (i) Visible emissions shall not equal or exceed 20% opacity.
401 KAR 59:010, Section 3(1)(a).
 - (ii) Particulate emissions shall not equal or exceed 2.34 lbs/hour.
401 KAR 59:010, Section 3(2).

See Specific Monitoring Requirements (B) for compliance with D (i).

See Section D, Compliance Demonstration Method (C) for compliance with D (ii).

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**3. Testing Requirements:**

- A. Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4.
- B. The permittee shall determine the PM/PM₁₀ or solids emissions from painting operations by utilizing the procedure outlined in Method 5 of appendix A to 40 CFR part 60. The permittee shall use the paint with the highest solids content that is utilized at this emission point while conducting this test. See Section D, Compliance Demonstration Requirements.

4. Specific Monitoring Requirements (For Main Line Paint Booths):

- A. To establish an effective and consistent efficiency of the venturi, water pressure to the nozzle shall be monitored and recorded on a daily basis. Water supply to the nozzle shall be free of pieces of paint sludge or other debris that may plug the piping or nozzle.
- B. The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

5. Specific Record Keeping Requirements:

- A. The permittee shall maintain monthly records of the purchase and usage of the paints and solvents or any VOC/HAP containing material. VOC/HAP emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month VOC/HAP emissions; subsequently, tons of VOC/HAP emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with VOC/HAP emission limitations listed herein for the conditional major limitations. These records, as well as purchase orders and invoices for all VOC/HAP containing materials, shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.
- B. The permittee shall maintain monthly records of the hours of operation. The hours of operation shall be multiplied by the pounds per hour emission rate (See Testing Requirements) to determine the pounds per month of PM/PM₁₀ emissions. PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month PM/PM₁₀ emissions; subsequently, tons of PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

5. Specific Record Keeping Requirements (Continued):

- C. The permittee shall maintain monthly records of the volume of natural gas burned. The volume of natural gas in million cubic feet (MMft³) shall be multiplied by the appropriate AP-42 emission factor to determine VOC and PM/PM₁₀ emissions from natural gas combustion.

6. Specific Reporting Requirements:

The permittee shall submit, within 30 days following the end of each calendar half, an emissions calculations worksheet, which utilizes product specific emission factors and emission factors derived from testing. These worksheets shall be submitted as a hardcopy and shall serve as the method of determining compliance with 401 KAR 52:030 and 401 KAR 59:010.

7. Specific Control Equipment Operating Conditions (For Main Line Paint Booths):

Water supply to the nozzle with a pressure specified by the manufacturer shall be maintained at all times when paint spray booth operations are taking place. Nozzles need to be cleaned as often as needed to comply with the emission limitations.

8. Alternate Operating Scenario: None

9. Compliance Certification Requirement: See Section F-9

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP02(25)

Monorail Wheelabrator #1

Description: Main Line 8 monorail system exhausted to
Wheelabrator baghouse
Control Equipment: Baghouse
Date Installed: 1979

APPLICABLE REGULATION:

401 KAR 59:010, New process operations applicable to each emission unit which commenced construction on or after July 2, 1975.

1. **Operating Limitations:** The usage rate of raw materials used in all affected facilities shall be limited so that the emission limitations set forth in item 2, below, are not exceeded.
2. **Emission Limitations:**
 - A. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
 - B. Limits are for Wheelabrators/shot blasting operations.
 - (i) Visible emissions shall not equal or exceed 20% opacity.
401 KAR 59:010, Section 3(1)(a).
 - (ii) Particulate emissions shall not equal or exceed 2.34 lbs/hour.
401 KAR 59:010, Section 3(2).

See Compliance Demonstration Method below.

Compliance Demonstration Method For PM/PM₁₀

To determine lbs of PM/PM₁₀ emitted from abrasive metal cleaning operations:

For each abrasive metal cleaning operation:

- 1) (lbs/month of blasting media)X (0.285¹) = lbs/month PM/PM₁₀ emitted.
- 2) Total PM/PM₁₀ emitted from abrasive metal cleaning operations = ? PM/PM₁₀ from each abrasive metal cleaning operation.
- 3) See Section D, Compliance Demonstration Method (C) for Emission Limitation (A).
- 4) See Specific Record Keeping, Specific Monitoring Requirements and Specific Control Equipment Operating Conditions for Emission Limitations [(B) (i)] and [(B) (ii)].

3. **Testing Requirements:** Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4. In addition, once a calendar year, EPA Reference Method 9 or equivalent reading shall be performed.

¹ Derived from data compiled by the California Air Resources Board for unconfined blasting

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**4. Specific Monitoring Requirements:**

- A. The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a daily basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.
- B. Daily monitoring of baghouse pressure drop shall be conducted.

5. Specific Record Keeping Requirements:

- A. A log shall be kept of all emissions observations. Notification in the daily log shall be made of, but not limited to the following:
 - i) Whether any emissions (except for water vapor) were visible from the plant.
 - ii) Whether the visible emissions were normal for the process.
 - iii) Whether the visible emissions were light or heavy.
 - iv) The cause of any abnormal emissions, and any corrective action taken.
 - v) Baghouse pressure drop shall be recorded daily.
- B. The permittee shall maintain monthly records of the purchase and usage of blasting media. PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month PM/PM₁₀ emissions; subsequently, tons of PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

6. Specific Reporting Requirements:

The permittee shall submit, within 30 days following the end of each calendar half, an emissions calculations worksheet, which utilizes product specific emission factors and emission factors derived from testing. These worksheets shall be submitted as a hardcopy and shall serve as the method of determining compliance with 401 KAR 52:030 and 401 KAR 59:010.

7. Specific Control Equipment Operating Conditions:

Baghouses shall be in place and operational at all times when Wheelabrator operations are taking place and bags shall be cleaned as often as needed to comply with the emission limitations. Baghouses shall be maintained and operated in accordance with manufacturer's recommendations.

8. Alternate Operating Scenario: None**9. Compliance Certification Requirement: See Section F-9**

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP03(07)

Small Parts Wash Tank Burner**Description:** Rated Capacity: 3.8 MMBTU/HR

Fuel: Natural gas

Date installed: 1996

APPLICABLE REGULATIONS:

401 KAR 59:015, New indirect heat exchanger, applicable to each indirect heat exchanger having a heat input capacity of more than 1,000,000 Btu per hour commenced on or after April 9, 1972.

1. Operating Limitations: 3.8 MMBTU/HR

Compliance Demonstration Method: The unit shall be deemed to be in compliance when the unit is burning natural gas and operating limit is met.

Operating Limit (MMBTU/HR) = (MMft³/HR natural gas) X Heat Input (BTU/ft³ natural gas)

2. Emission Limitations:

A. i) Particulate emissions shall not exceed 0.56 lb/MMBTU

ii) Sulfur dioxide emissions shall not exceed 3.0 lb/MMBTU

iii) Visible emissions shall not exceed 20% opacity

B. Source wide VOC emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.

See Section D, Compliance Demonstration Method (A).

C. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.

See Section D, Compliance Demonstration Method (C).

3. Testing Requirements: Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4.**4. Specific Monitoring Requirements:** None**5. Specific Record Keeping Requirements:** The permittee shall keep monthly records of the volume of natural gas burned. VOC and PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month VOC and PM/PM₁₀ emissions; subsequently, tons of VOC and PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with VOC and PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

**SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS,
AND OPERATING CONDITIONS (CONTINUED)**

6. **Specific Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None
9. **Compliance Certification Requirement:** See Section F-9

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP04 Powder Coat System Wash Tank Burners

Description: Two Burners
Stage 2 Burner
Rated Capacity: 1.71 MMBTU/HR
Stage 4 Burner
Rated Capacity: 1.34 MMBTU/HR
Fuel: Natural gas
Date installed: June 2003

APPLICABLE REGULATIONS:

401 KAR 59:015, New indirect heat exchanger, applicable to each indirect heat exchanger having a heat input capacity of more than 1,000,000 Btu per hour commenced on or after April 9, 1972.

1. Operating Limitations: 3.05 MMBTU/HR

Compliance Demonstration Method: The unit shall be deemed to be in compliance when the unit is burning natural gas and operating limit is met.

Operating Limit (MMBTU/HR) = (MMft³/HR natural gas) X Heat Input (BTU/ft³ natural gas)

2. Emission Limitations:

A. i) Particulate emissions shall not exceed 0.55 lb/MMBTU

ii) Sulfur dioxide emissions shall not exceed 2.71 lb/MMBTU

iii) Visible emissions shall not exceed 20% opacity

B. Source wide VOC emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.

See Section D, Compliance Demonstration Method (A).

C. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.

See Section D, Compliance Demonstration Method (C).

3. Testing Requirements: Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4.

4. Specific Monitoring Requirements: None

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

5. **Specific Record Keeping Requirements:** The permittee shall keep monthly records of the volume of natural gas burned. VOC and PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month VOC and PM/PM₁₀ emissions; subsequently, tons of VOC and PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with VOC and PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.
6. **Specific Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None
9. **Compliance Certification Requirement:** See Section F-9

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**EP05****Powder Coat System Boiler**

Description: Rite Engineering Model 375 Boiler
Rated Capacity: 3.75 MMBTU/HR
Fuel: Natural gas
Date installed: June 2003

APPLICABLE REGULATIONS:

401 KAR 59:015, New indirect heat exchanger, applicable to each indirect heat exchanger having a heat input capacity of more than 1,000,000 Btu per hour commenced on or after April 9, 1972.

1. Operating Limitations: 3.75 MMBTU/HR

Compliance Demonstration Method: The unit shall be deemed to be in compliance when the unit is burning natural gas and operating limit is met.

Operating Limit (MMBTU/HR) = (MMft³/HR natural gas) X Heat Input (BTU/ft³ natural gas)

2. Emission Limitations:

A. i) Particulate emissions shall not exceed 0.55 lb/MMBTU

ii) Sulfur dioxide emissions shall not exceed 2.71 lb/MMBTU

iii) Visible emissions shall not exceed 20% opacity

B. Source wide VOC emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.

See Section D, Compliance Demonstration Method (A).

C. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.

See Section D, Compliance Demonstration Method (C).

3. Testing Requirements: Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4.**4. Specific Monitoring Requirements:** None**5. Specific Record Keeping Requirements:** The permittee shall keep monthly records of the volume of natural gas burned. VOC and PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month VOC and PM/PM₁₀ emissions; subsequently, tons of VOC and PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with VOC and PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be

provided to the Division upon request.

**SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS,
AND OPERATING CONDITIONS (CONTINUED)**

6. **Specific Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None
9. **Compliance Certification Requirement:** See Section F-9

AND OPERATING CONDITIONS (CONTINUED)**EP06(26)****Swing Table Wheelabrator #2**

Description: 96 inch Swing Table System exhausted to
Wheelabrator baghouse
Control Equipment: Baghouse
Date Installed: 1979

APPLICABLE REGULATION:

401 KAR 59:010, New process operations applicable to each emission unit which commenced construction on or after July 2, 1975.

1. **Operating Limitations:** The usage rate of raw materials used in all affected facilities shall be limited so that the emission limitations set forth in item 2, below, are not exceeded.
 2. **Emission Limitations:**
 - A. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
 - B. Limits are for Wheelabrators/shot blasting operations.
 - (i) Visible emissions shall not equal or exceed 20% opacity.
401 KAR 59:010, Section 3(1)(a).
 - (ii) Particulate emissions shall not equal or exceed 2.34 lbs/hour.
401 KAR 59:010, Section 3(2).
- See Compliance Demonstration Method below.

Compliance Demonstration Method For PM/PM₁₀

To determine lbs of PM/PM₁₀ emitted from abrasive metal cleaning operations:
For each abrasive metal cleaning operation:

- 1) (lbs/month of blasting media)X (0.285²) = lbs/month PM/PM₁₀ emitted.
 - 2) Total PM/PM₁₀ emitted from abrasive metal cleaning operations = ? PM/PM₁₀ from each abrasive metal cleaning operation.
 - 3) See Section D, Compliance Demonstration Method (C) for Emission Limitation (A).
 - 4) See Specific Record Keeping, Specific Monitoring Requirements and Specific Control Equipment Operating Conditions for Emission Limitations [(B) (i)] and [(B) (ii)].
3. **Testing Requirements:** Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4. In addition, once a calendar year, EPA Reference Method 9 or equivalent reading shall be performed.

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS,

AND OPERATING CONDITIONS (CONTINUED)**4. Specific Monitoring Requirements:**

- A. The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a daily basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.
- B. Daily monitoring of baghouse pressure drop shall be conducted.

5. Specific Record Keeping Requirements:

- A. A log shall be kept of all emissions observations. Notification in the daily log shall be made of, but not limited to the following:
 - i) Whether any emissions (except for water vapor) were visible from the plant.
 - ii) Whether the visible emissions were normal for the process.
 - iii) Whether the visible emissions were light or heavy.
 - iv) The cause of any abnormal emissions, and any corrective action taken.
 - v) Baghouse pressure drop shall be recorded daily.
- B. The permittee shall maintain monthly records of the purchase and usage of blasting media. PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month PM/PM₁₀ emissions; subsequently, tons of PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

6. Specific Reporting Requirements:

The permittee shall submit, within 30 days following the end of each calendar half, an emissions calculations worksheet, which utilizes product specific emission factors and emission factors derived from testing. These worksheets shall be submitted as a hardcopy and shall serve as the method of determining compliance with 401 KAR 52:030 and 401 KAR 59:010.

7. Specific Control Equipment Operating Conditions:

Baghouses shall be in place and operational at all times when Wheelabrator operations are taking place and bags shall be cleaned as often as needed to comply with the emission limitations. Baghouses shall be maintained and operated in accordance with manufacturer's recommendations.

8. Alternate Operating Scenario: None**9. Compliance Certification Requirement: See Section F-9****SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS,**

AND OPERATING CONDITIONS (CONTINUED)

EP07(11) Internal Combustion Lift Truck Paint Booths #1 & #2

Description: Applicator: Air assisted airless
Control Equipment: Dry filters
Date Installed: 1995

APPLICABLE REGULATION:

401 KAR 59:010, New process operations applicable to each emission unit which commenced construction on or after July 2, 1975.

401 KAR 63:020, Potentially Hazardous Matter and Toxic Substance Emissions, applies to the potentially hazardous matter and toxic substance emissions from affected facilities.

1. Operating Limitations: The following limits shall apply to assure compliance with Emission Limitation D (ii).

- A. Filters shall be in place at all times when a machine is applying paint.
- B. Filters shall be replaced when determined to be inefficient (as determined through visual inspection).

2. Emission Limitations:

- A. Source wide VOC emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
See Section D, Compliance Demonstration Method (A).
- B. HAP emissions shall not equal or exceed 9.0 tons per year of any single HAP or 22.5 tons per year of any combination of HAPs. These annual source wide limitations shall not be exceeded during any consecutive twelve (12) month period for the entire source.
See Section D, Compliance Demonstration Method (B).
- C. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
See Section D, Compliance Demonstration Method (C).
- D. Limits are per spray booth.
 - (i) Visible emissions shall not equal or exceed 20% opacity.
401 KAR 59:010, Section 3(1)(a).
 - (ii) Particulate emissions shall not equal or exceed 2.34 lbs/hour.
401 KAR 59:010, Section 3(2).See Specific Monitoring Requirements for compliance with D (i).
See Section D, Compliance Demonstration Method (C) for compliance with D (ii).

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE

REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**3. Testing Requirements:**

- A. Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4.
- B. The permittee shall determine the PM/PM₁₀ or solids emissions from painting operations by utilizing the procedure outlined in Method 5 of appendix A to 40 CFR part 60. The permittee shall use the paint with the highest solids content that is utilized at this emission point while conducting this test. See Section D, Compliance Demonstration Requirements.

4. Specific Monitoring Requirements:

The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

5. Specific Recordkeeping Requirements:

- A. The permittee shall maintain monthly records of the purchase and usage of the paints and solvents or any VOC/HAP containing material. VOC/HAP emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month VOC/HAP emissions; subsequently, tons of VOC/HAP emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with VOC/HAP emission limitations listed herein for the conditional major limitations. These records, as well as purchase orders and invoices for all VOC/HAP containing materials, shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.
- B. The permittee shall maintain monthly records of the hours of operation. The hours of operation shall be multiplied by the pounds per hour emission rate (See Testing Requirements) to determine the pounds per month of PM/PM₁₀ emissions. PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month PM/PM₁₀ emissions; subsequently, tons of PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS,

AND OPERATING CONDITIONS (CONTINUED)

6. Specific Reporting Requirements:

The permittee shall submit, within 30 days following the end of each calendar half, an emissions calculations worksheet, which utilizes product specific emission factors and emission factors derived from testing. These worksheets shall be submitted as a hardcopy and shall serve as the method of determining compliance with 401 KAR 52:030 and 401 KAR 59:010.

7. Specific Control Equipment Operating Conditions:

Exhaust filters shall be in place at all times when booth is operating and shall be changed as often as needed to comply with the emission limitations.

8. Alternate Operating Scenarios: None

9. Compliance Certification Requirement: See Section F-9

AND OPERATING CONDITIONS (CONTINUED)

EP08(12,13)

Electric Lift Truck Paint Booths #1 & #2

Description: (2)Applicators: Air assisted airless
Control Equipment: Dry filters
Date Installed: 1996

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations applicable to each emission unit which commenced construction on or after July 2, 1975.

401 KAR 63:020, Potentially Hazardous Matter and Toxic Substance Emissions, applies to the potentially hazardous matter and toxic substance emissions from affected facilities.

1. Operating Limitations: The following limits shall apply to assure compliance with Emission Limitation D (ii).

- A. Filters shall be in place at all times when a machine is applying paint.
- B. Filters shall be replaced when determined to be inefficient (as determined through visual inspection).

2. Emission Limitations:

- A. Source wide VOC emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
See Section D, Compliance Demonstration Method (A).
- B. HAP emissions shall not equal or exceed 9.0 tons per year of any single HAP or 22.5 tons per year of any combination of HAPs. These annual source wide limitations shall not be exceeded during any consecutive twelve (12) month period for the entire source.
See Section D, Compliance Demonstration Method (B).
- C. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
See Section D, Compliance Demonstration Method (C).
- D. Limits are per spray booth.
 - (i) Visible emissions shall not equal or exceed 20% opacity.
401 KAR 59:010, Section 3(1)(a).
 - (ii) Particulate emissions shall not equal or exceed 2.34 lbs/hour.
401 KAR 59:010, Section 3(2).See Specific Monitoring Requirements for compliance with D (i).
See Section D, Compliance Demonstration Method (C) for compliance with D (ii).

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE

REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**3. Testing Requirements:**

- A. Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4.
- B. The permittee shall determine the PM/PM₁₀ or solids emissions from painting operations by utilizing the procedure outlined in Method 5 of appendix A to 40 CFR part 60. The permittee shall use the paint with the highest solids content that is utilized at this emission point while conducting this test. See Section D, Compliance Demonstration Requirements.

4. Specific Monitoring Requirements:

The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

5. Specific Recordkeeping Requirements:

- A. The permittee shall maintain monthly records of the purchase and usage of the paints and solvents or any VOC/HAP containing material. VOC/HAP emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month VOC/HAP emissions; subsequently, tons of VOC/HAP emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with VOC/HAP emission limitations listed herein for the conditional major limitations. These records, as well as purchase orders and invoices for all VOC/HAP containing materials, shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.
- B. The permittee shall maintain monthly records of the hours of operation. The hours of operation shall be multiplied by the pounds per hour emission rate (See Testing Requirements) to determine the pounds per month of PM/PM₁₀ emissions. PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month PM/PM₁₀ emissions; subsequently, tons of PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS,

AND OPERATING CONDITIONS (CONTINUED)

6. Specific Reporting Requirements:

The permittee shall submit, within 30 days following the end of each calendar half, an emissions calculations worksheet, which utilizes product specific emission factors and emission factors derived from testing. These worksheets shall be submitted as a hardcopy and shall serve as the method of determining compliance with 401 KAR 52:030 and 401 KAR 59:010.

7. Specific Control Equipment Operating Conditions:

Exhaust filters shall be in place at all times when booth is operating and shall be changed as often as needed to comply with the emission limitations.

8. Alternate Operating Scenarios: None

9. Compliance Certification Requirement: See Section F-9

AND OPERATING CONDITIONS (CONTINUED)

EP09(22)

Counterweight Paint Booth

Description: Applicator: Air assisted airless
Control Equipment: Downdraft water wash
Date Installed: 1996

Counterweight Preheat Oven

Description: Rated Capacity: 1.5 MMBTU/HR
Fuel: Natural Gas

Counterweight Final Cure Oven

Description: Rated Capacity: 3 MMBTU/HR
Fuel: Natural Gas

Counterweight Flash Tunnel

Description: Applicator: Air assisted airless
No Controls

APPLICABLE REGULATION:

401 KAR 59:010, New process operations applicable to each emission unit which commenced construction on or after July 2, 1975.

401 KAR 63:020, Potentially Hazardous Matter and Toxic Substance Emissions, applies to the potentially hazardous matter and toxic substance emissions from affected facilities.

1. **Operating Limitations:** The usage rate of raw materials used in all affected facilities shall be limited so that the emission limitations set forth in item 2, below, are not exceeded.

2. **Emission Limitations:**

A. Source wide VOC emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
See Section D, Compliance Demonstration Method (A).

B. HAP emissions shall not equal or exceed 9.0 tons per year of any single HAP or 22.5 tons per year of any combination of HAPs. These annual source wide limitations shall not be exceeded during any consecutive twelve (12) month period for the entire source.
See Section D, Compliance Demonstration Method (B).

C. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
See Section D, Compliance Demonstration Method (C).

D. Limits are per spray booth.

(i) Visible emissions shall not equal or exceed 20% opacity.
401 KAR 59:010, Section 3(1)(a).

(ii) Particulate emissions shall not equal or exceed 2.34 lbs/hour.
401 KAR 59:010, Section 3(2).

See Specific Monitoring Requirements (B) for compliance with D (i).

See Section D, Compliance Demonstration Method (C) for compliance with D (ii).

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE

REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

3. Testing Requirements:

- A. Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4.
- B. The permittee shall determine the PM/PM₁₀ or solids emissions from painting operations by utilizing the procedure outlined in Method 5 of appendix A to 40 CFR part 60. The permittee shall use the paint with the highest solids content that is utilized at this emission point while conducting this test. See Section D, Compliance Demonstration Requirements.

4. Specific Monitoring Requirements (For Counterweight Paint Booths):

- A. To establish an effective and consistent efficiency of the down draft water wash, water pressure to the nozzle shall be monitored and recorded on a daily basis. Water supply to the nozzle shall be free of pieces of paint sludge or other debris that may plug the piping or nozzle.
- B. The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

5. Specific Record Keeping Requirements:

- A. The permittee shall maintain monthly records of the purchase and usage of the paints and solvents or any VOC/HAP containing material. VOC/HAP emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month VOC/HAP emissions; subsequently, tons of VOC/HAP emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with VOC/HAP emission limitations listed herein for the conditional major limitations. These records, as well as purchase orders and invoices for all VOC/HAP containing materials, shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.
- B. The permittee shall maintain monthly records of the hours of operation. The hours of operation shall be multiplied by the pounds per hour emission rate (See Testing Requirements) to determine the pounds per month of PM/PM₁₀ emissions. PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month PM/PM₁₀ emissions; subsequently, tons of PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

SECTION B - EMISSION POINTS, EMISSIONS UNITS, APPLICABLE

REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

6. Specific Reporting Requirements:

The permittee shall submit, within 30 days following the end of each calendar half, an emissions calculations worksheet, which utilizes product specific emission factors and emission factors derived from testing. These worksheets shall be submitted as a hardcopy and shall serve as the method of determining compliance with 401 KAR 52:030 and 401 KAR 59:010.

7. Specific Control Equipment Operating Conditions (For Counterweight Paint Booths):

Water supply to the nozzle with a pressure specified by the manufacturer shall be maintained at all times when paint spray booth operations are taking place. Nozzles need to be cleaned as often as needed to comply with the emission limitations.

8. Alternate Operating Scenario: None

9. Compliance Certification Requirement: See Section F-9

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP10(27)

Touch-up Paint Booth

Description: Applicator: Air assisted airless
Control Equipment: Dry filters
Date Installed: December 1997

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations applicable to each emission unit which commenced construction on or after July 2, 1975.

401 KAR 63:020, Potentially Hazardous Matter and Toxic Substance Emissions, applies to the potentially hazardous matter and toxic substance emissions from affected facilities.

1. Operating Limitations: The following limits shall apply to assure compliance with Emission Limitation D (ii).

- A. Filters shall be in place at all times when a machine is applying paint.
- B. Filters shall be replaced when determined to be inefficient (as determined through visual inspection).

2. Emission Limitations:

- A. Source wide VOC emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
See Section D, Compliance Demonstration Method (A).
- B. HAP emissions shall not equal or exceed 9.0 tons per year of any single HAP or 22.5 tons per year of any combination of HAPs. These annual source wide limitations shall not be exceeded during any consecutive twelve (12) month period for the entire source.
See Section D, Compliance Demonstration Method (B).
- C. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.
See Section D, Compliance Demonstration Method (C).
- D. Limits are per spray booth.
 - (i) Visible emissions shall not equal or exceed 20% opacity.
401 KAR 59:010, Section 3(1)(a).
 - (ii) Particulate emissions shall not equal or exceed 2.34 lbs/hour.
401 KAR 59:010, Section 3(2).See Specific Monitoring Requirements for compliance with D (i).
See Section D, Compliance Demonstration Method (C) for compliance with D (ii).

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**3. Testing Requirements:**

- A. Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4.
- B. The permittee shall determine the PM/PM₁₀ or solids emissions from painting operations by utilizing the procedure outlined in Method 5 of appendix A to 40 CFR part 60. The permittee shall use the paint with the highest solids content that is utilized at this emission point while conducting this test. See Section D, Compliance Demonstration Requirements.

4. Specific Monitoring Requirements:

The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

5. Specific Recordkeeping Requirements:

- A. The permittee shall maintain monthly records of the purchase and usage of the paints and solvents or any VOC/HAP containing material. VOC/HAP emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month VOC/HAP emissions; subsequently, tons of VOC/HAP emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with VOC/HAP emission limitations listed herein for the conditional major limitations. These records, as well as purchase orders and invoices for all VOC/HAP containing materials, shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.
- B. The permittee shall maintain monthly records of the hours of operation. The hours of operation shall be multiplied by the pounds per hour emission rate (See Testing Requirements) to determine the pounds per month of PM/PM₁₀ emissions. PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month PM/PM₁₀ emissions; subsequently, tons of PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

6. Specific Reporting Requirements:

The permittee shall submit, within 30 days following the end of each calendar half, an emissions calculations worksheet, which utilizes product specific emission factors and emission factors derived from testing. These worksheets shall be submitted as a hardcopy and shall serve as the method of determining compliance with 401 KAR 52:030 and 401 KAR 59:010.

**SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS,
AND OPERATING CONDITIONS (CONTINUED)**

7. Specific Control Equipment Operating Conditions:

Exhaust filters shall be in place at all times when booth is operating and shall be changed as often as needed to comply with the emission limitations.

8. Alternate Operating Scenarios: None

9. Compliance Certification Requirement: See Section F-9

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP11 Big Truck Touch-Up Booth

Description: Applicator: Air assisted airless
Control Equipment: Dry filters
Date Installed: December 2000

APPLICABLE REGULATIONS:

401 KAR 59:010, New process operations applicable to each emission unit which commenced construction on or after July 2, 1975.

401 KAR 63:020, Potentially Hazardous Matter and Toxic Substance Emissions, applies to the potentially hazardous matter and toxic substance emissions from affected facilities.

1. Operating Limitations: The following limits shall apply to assure compliance with Emission Limitation D (ii).

- A. Filters shall be in place at all times when a machine is applying paint.
- B. Filters shall be replaced when determined to be inefficient (as determined through visual inspection).

See Section G (d) of this permit for compliance demonstration requirements.

2. Emission Limitations:

- A. Source wide VOC emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.

See Section D, Compliance Demonstration Method (A).

- B. HAP emissions shall not equal or exceed 9.0 tons per year of any single HAP or 22.5 tons per year of any combination of HAPs. These annual source wide limitations shall not be exceeded during any consecutive twelve (12) month period for the entire source.

See Section D, Compliance Demonstration Method (B).

- C. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.

See Section D, Compliance Demonstration Method (C).

- D. Limits are per spray booth.

- (i) Visible emissions shall not equal or exceed 20% opacity.
401 KAR 59:010, Section 3(1)(a).

- (ii) Particulate emissions shall not equal or exceed 2.34 lbs/hour.
401 KAR 59:010, Section 3(2).

See Specific Monitoring Requirements for compliance with D (i).

See Section D, Compliance Demonstration Method (C) for compliance with D (ii).

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**3. Testing Requirements:**

- A. Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4.
- B. The permittee shall determine the PM/PM₁₀ or solids emissions from painting operations by utilizing the procedure outlined in Method 5 of appendix A to 40 CFR part 60. The permittee shall use the paint with the highest solids content that is utilized at this emission point while conducting this test. See Section D, Compliance Demonstration Requirements.

4. Specific Monitoring Requirements:

The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a weekly basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.

5. Specific Recordkeeping Requirements:

- A. The permittee shall maintain monthly records of the purchase and usage of the paints and solvents or any VOC/HAP containing material. VOC/HAP emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month VOC/HAP emissions; subsequently, tons of VOC/HAP emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with VOC/HAP emission limitations listed herein for the conditional major limitations. These records, as well as purchase orders and invoices for all VOC/HAP containing materials, shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.
- B. The permittee shall maintain monthly records of the hours of operation. The hours of operation shall be multiplied by the pounds per hour emission rate (See Testing Requirements) to determine the pounds per month of PM/PM₁₀ emissions. PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month PM/PM₁₀ emissions; subsequently, tons of PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

6. Specific Reporting Requirements:

The permittee shall submit, within 30 days following the end of each calendar half, an emissions calculations worksheet, which utilizes product specific emission factors and emission factors derived from testing. These worksheets shall be submitted as a hardcopy and shall serve as the method of determining compliance with 401 KAR 52:030 and 401 KAR 59:010.

**SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS,
AND OPERATING CONDITIONS (CONTINUED)**

7. Specific Control Equipment Operating Conditions:

Exhaust filters shall be in place at all times when booth is operating and shall be changed as often as needed to comply with the emission limitations.

8. Alternate Operating Scenarios: None

9. Compliance Certification Requirement: See Section F-9

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**EP12****Pangborn PC4-16 Shot Blast****Description:** Control Equipment: Baghouse

Date Installed: June 2003

APPLICABLE REGULATION:

401 KAR 59:010, New process operations applicable to each emission unit which commenced construction on or after July 2, 1975.

1. Operating Limitations: The usage rate of raw materials used in all affected facilities shall be limited so that the emission limitations set forth in item 2, below, are not exceeded. See Section G (d) of this permit for compliance demonstration requirements.

2. Emission Limitations:

A. Source wide particulate emissions shall be less than or equal to 90.0 tons during any twelve (12) consecutive month period.

B. Limits are for Wheelabrators/shot blasting operations.

(i) Visible emissions shall not equal or exceed 20% opacity.
401 KAR 59:010, Section 3(1)(a).

(ii) Particulate emissions shall not equal or exceed 2.34 lbs/hour.
401 KAR 59:010, Section 3(2).

See Compliance Demonstration Method below.

Compliance Demonstration Method For PM/PM₁₀

To determine lbs of PM/PM₁₀ emitted from abrasive metal cleaning operations:

For each abrasive metal cleaning operation:

1) (lbs/month of blasting media)X (0.285³) = lbs/month PM/PM₁₀ emitted.

2) Total PM/PM₁₀ emitted from abrasive metal cleaning operations = ? PM/PM₁₀ from each abrasive metal cleaning operation.

3) See Section D, Compliance Demonstration Method (C) for Emission Limitation (A).

4) See Specific Record Keeping, Specific Monitoring Requirements and Specific Control Equipment Operating Conditions for Emission Limitations [(B) (i)] and [(B) (ii)].

3. Testing Requirements: Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4. In addition, once a calendar year, EPA Reference Method 9 or equivalent reading shall be performed.

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)**4. Specific Monitoring Requirements:**

- A. The permittee shall perform a qualitative visual observation of the opacity of emissions from the stack on a daily basis and maintain a log of the observations. If visible emissions from the stack are seen (not including condensed water vapor within the plume), then the opacity shall be determined by Reference Method 9. If emissions are in excess of the applicable opacity limit, then an inspection shall be initiated of control equipment for all necessary repairs.
- B. Daily monitoring of baghouse pressure drop shall be conducted.

5. Specific Record Keeping Requirements:

- A. A log shall be kept of all emissions observations. Notification in the daily log shall be made of, but not limited to the following:
 - i) Whether any emissions (except for water vapor) were visible from the plant.
 - ii) Whether the visible emissions were normal for the process.
 - iii) Whether the visible emissions were light or heavy.
 - iv) The cause of any abnormal emissions, and any corrective action taken.
 - v) Baghouse pressure drop shall be recorded daily.
- B. The permittee shall maintain monthly records of the purchase and usage of blasting media. PM/PM₁₀ emissions shall be calculated and recorded on a *monthly* basis. These records shall be summarized in tons per month PM/PM₁₀ emissions; subsequently, tons of PM/PM₁₀ emissions per rolling 12-month period shall be recorded. In addition, these records shall demonstrate compliance with PM/PM₁₀ emission limitations listed herein for the conditional major limitations. These records shall be maintained on site for a period of five years from the date the data was collected and shall be provided to the Division upon request.

6. Specific Reporting Requirements:

The permittee shall submit, within 30 days following the end of each calendar half, an emissions calculations worksheet, which utilizes product specific emission factors and emission factors derived from testing. These worksheets shall be submitted as a hardcopy and shall serve as the method of determining compliance with 401 KAR 52:030 and 401 KAR 59:010.

7. Specific Control Equipment Operating Conditions:

Baghouses shall be in place and operational at all times when Wheelabrator operations are taking place and bags shall be cleaned as often as needed to comply with the emission limitations. Baghouses shall be maintained and operated in accordance with manufacturer's recommendations.

8. Alternate Operating Scenario: None**9. Compliance Certification Requirement: See Section F-9**

SECTION B - AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (CONTINUED)

EP13 Paint Mix Room

APPLICABLE REGULATION:

401 KAR 63:020, Potentially Hazardous Matter and Toxic Substance Emissions, applies to the potentially hazardous matter and toxic substance emissions from affected facilities.

1. Operating Limitations:

The lids on paint containers shall be closed at all times except when transferring paint to and from the container.

2. Emission Limitations:

Conditional Major/Synthetic Minor limit on VOCs.

Conditional Major/Synthetic Minor limit on single HAP and combined HAPs.

3. Testing Requirements: Testing shall be conducted at such times as may be required by the Cabinet in accordance with 401 KAR 59:005 section 2(2) and 50:045 section 4. See Specific Monitoring Requirements.

4. Monitoring Requirements: The Paint Mix room shall be monitored daily to ensure compliance with the Paint Mix Room Operating Limitation.

5. Specific Record Keeping Requirements: A daily log shall be kept detailing all instances of noncompliance with the Paint Mix Room Operating Limitation.

6. Specific Reporting Requirements: See Section F-5

7. Specific Control Equipment Operating Conditions:

See Operating Limitations above.

8. Alternate Operating Scenario: None

9. Compliance Certification Requirement: See Section F-9

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to 401 KAR 52:030, Section 6. While these activities are designated as insignificant the permittee must comply with the applicable regulation and some minimal level of periodic monitoring may be necessary.

| <u>Description</u> | <u>Generally Applicable Regulation</u> |
|--|--|
| 1. Small Parts Wash Tanks | NA |
| 2. Hot Water Heaters for Steam Cleaner (#1 & #2) | NA |
| 3. Welders | 401 KAR 59:010 401 KAR 63:020 |
| 4. Battery Chargers | NA |
| 5. Sanders | 401 KAR 59:010 |
| 6. Internal Recirculating Sanding System | 401 KAR 59:010 |
| 7. Small Parts Powder Coat System Date Installed: December 2000 | NA |
| 8. Small Parts Dry Off Oven Rated Capacity: 3.2 MMBTU/HR | NA |
| 9. Small Parts Cure Oven Rated Capacity: 5 MMBTU/HR | NA |
| 10. New Powder Coat System Date Installed: June 2003 | NA |
| 11. Powder Cure Oven Rated Capacity: 4.8 MMBTU/HR | NA |
| 12. Powder Dry Off Oven Rated Capacity: 3.2 MMBTU/HR | NA |
| 13. Burn Off Oven Rated Capacity: 0.65 MMBTU/HR | NA |

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. As required by Section 1b of the material incorporated by reference in 401 KAR 52:030 Section 10, compliance with annual emissions and processing limitations contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.
2. VOC emissions shall not exceed 90 tons during any consecutive twelve (12) month period. Monthly records to demonstrate compliance with this limitation shall be maintained and total VOC emissions shall be reported on a semi-annual basis. Total VOC emissions shall include insignificant activities.
3. The emissions of any individual Hazardous Air Pollutant (HAP) shall not exceed nine (9) tons during any consecutive twelve (12) month period. The emissions of combined HAPs shall not exceed twenty-two and one-half (22.5) tons per year. Monthly records, which demonstrate compliance with this limitation, shall be maintained and total HAP emissions shall be reported on a semi-annual basis. Total HAP emissions shall include insignificant activities.
4. PM/PM₁₀ emissions shall not exceed 90 tons during any consecutive twelve (12) month period. Monthly records to demonstrate compliance with this limitation shall be maintained and total PM/PM₁₀ emissions shall be reported on a semi-annual basis. Total PM/PM₁₀ emissions shall include insignificant activities.

Compliance Demonstration Method:

(A) For VOC:

VOC emitted (lbs/month) = ? [VOC emissions from paint and cleaning solvents]

$E_{VOC} = ? [Q \cdot C_{VOC}]$

Where:

E_{VOC} = Total VOC emissions (lb/month)

Q = Usage rate of material (gal/month)

C_{VOC} = VOC content of material (lb/gal)

VOC content of material (C_{VOC}) is obtained from the manufacturer's technical specification sheet.

Also include VOC emitted from natural gas combustion where:

VOC emitted (lbs/month) = $(5.5^4 \text{ lb/MMft}^3) \times (\text{MMft}^3 \text{ natural gas burned/month})$

Source-wide VOC emissions = ? [VOC emissions from paint and cleaning solvents] +
? [VOC emissions from natural gas combustion]

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS (CONTINUED)

Compliance Demonstration Method (Continued):

(B) For volatile HAP

HAP emitted (lbs/month) = ? [HAP emissions from paint and cleaning solvents]

$$E_{\text{HAP}i} = Q * d * \frac{\text{wt}\%_{\text{HAP}i}}{100}$$

Where:

$E_{\text{HAP}i}$ = Emissions of HAP “i” (lb/month)

Q = Material usage rate (gal/month)

d = Density of the material used (lb/gal)

wt%_{HAPi} = Weight percent of HAP “i” in material (%)

The density (d) and the weight percent of HAP “i” (wt%_{HAPi}) is obtained from the manufacturer’s technical specification sheet. The weight percent of HAP “i” should consider any solvent or other material added to the coating.

(C) For PM/PM₁₀

PM/PM₁₀ emitted (lb/hr) = ? [PM/PM₁₀ emissions from painting operations]

PM/PM₁₀ emitted (lb/month) = PM/PM₁₀ emitted (lb/hr) X (hours of operation/month)

Where:

PM/PM₁₀ emissions (lb/hr) shall be determined by Method 5 of appendix A to 40 CFR part 60. See Testing Requirements for EP01, EP07, EP08, EP09, EP10 and EP11.

Also include PM/PM₁₀ emitted from natural gas combustion where:

PM/PM₁₀ emitted (lbs/month) = (7.6⁵ lb/MMft³) x (MMft³ natural gas burned/month)

Source-wide PM/PM₁₀ emissions = ? [PM/PM₁₀ emissions from painting operations] +

? [PM/PM₁₀ emissions from natural gas combustion] + ? [PM/PM₁₀ emissions from blasting operations]

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS (CONTINUED)

Compliance Demonstration Requirements

Main Line Paint Booth #1 – Emission Point 01

Main Line Paint Booth #3 – Emission Point 01

Internal Combustion Lift Truck Paint Booth #1 – Emission Point 07

Electric Lift Truck Paint Booth #1 – Emission Point 08

Counterweight Paint Booth – Emission Point 09

Touch-Up Paint Booth – Emission Point 10

Big Truck Touch-Up Paint Booth – Emission Point 11

1. Within sixty (60) of the issuance of this permit but not later than 180 days, the permittee shall conduct a performance demonstration (*test*) on the affected facilities in accordance with 401 KAR 50:055, General compliance requirements. ***These performance tests must also be conducted in accordance with the paragraphs listed immediately below and the permittee must furnish to the Division for Air Quality's Frankfort Central Office a written report of the results of such performance test***
2. Pursuant to Section VII 2.(1) of the policy manual of the Division for Air Quality as referenced by 401 KAR 50:016, Section 1.(1), at least one month prior to the date of the required performance test, the permittee shall complete and return a Compliance Test Protocol (Form DEP 6027) to the Division's Frankfort Central Office. Pursuant to 401 KAR 50:045, Section 5, the Division shall be notified of the actual test date at least ten (10) days prior to the test.
3. Pursuant to Section VII 1.(2 and 3) of the policy manual of the Division for Air Quality as referenced by 401 KAR 50:016, Section 1.(1), if a demonstration of compliance, through performance testing was made at a production rate less than the maximum specified in the application form, then the permittee is only authorized to operate at a rate that is not greater than 110% of the rate demonstrated during performance testing. If and when the facility is capable of operation at the rate specified in the application, compliance must be demonstrated at the new production rate if required by the Division.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

1. Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Division which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

1. Pursuant to Section 1b (IV)(1) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10, when continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a. Date, place (as defined in this permit), and time of sampling or measurements;
 - b. Analyses performance dates;
 - c. Company or entity that performed analyses;
 - d. Analytical techniques or methods used;
 - e. Analyses results; and
 - f. Operating conditions during time of sampling or measurement.
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality[401 KAR 52:030 Section 3(1)(f)1a and Section 1a (7) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
3. In accordance with the requirements of 401 KAR 52:030 Section 3(1)f the permittee shall allow authorized representatives of the Cabinet to perform the following during reasonable times:
 - a. Enter upon the premises to inspect any facility, equipment (including air pollution control equipment), practice, or operation;
 - b. To access and copy any records required by the permit;
 - c. Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements.
Reasonable times are defined as during all hours of operation, during normal office hours; or during an emergency.
4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Summary reports of any monitoring required by this permit, other than continuous emission or opacity monitors, shall be submitted to the Regional Office listed on the front of this permit at least every six (6) months during the life of this permit, unless otherwise stated in this permit. For emission units that were still under construction or which had not commenced operation at the end of the 6-month period covered by the report and are subject to monitoring requirements in this permit, the report shall indicate that no monitoring was performed during the previous six months because the emission unit was not in operation.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (CONTINUED)

6. The semi-annual reports are due by January 30th and July 30th of each year. All reports shall be certified by a responsible official pursuant to 401 KAR 52:030 Section 22. All deviations from permit requirements shall be clearly identified in the reports.
7. In accordance with the provisions of 401KAR 50:055, Section 1 the owner or operator shall notify the Regional Office listed on the front of this permit concerning startups, shutdowns, or malfunctions as follows:
 - a. When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 - b. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards notification shall be made as promptly as possible by telephone (or other electronic media) and shall cause written notice upon request.
8. The owner or operator shall report emission related exceedances from permit requirements including those attributed to upset conditions (other than emission exceedances covered by Section F.7 above) to the Regional Office listed on the front of this permit within 30 days. Other deviations from permit requirements shall be included in the semiannual report required by Section F.5 [Section 1b V(3) and (4) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
9. Pursuant to 401KAR 52:030, Section 21, the permittee shall annually certify compliance with the terms and conditions contained in this permit by completing and returning a Compliance Certification Form (DEP 7007CC) (or an alternative approved by the regional office) to the Regional Office listed on the front of this permit in accordance with the following requirements:
 - a. Identification of each term or condition;
 - b. Compliance status of each term or condition of the permit;
 - c. Whether compliance was continuous or intermittent;
 - d. The method used for determining the compliance status for the source, currently and over the reporting period.
 - e. For an emissions unit that was still under construction or which has not commenced operation at the end of the 12-month period covered by the annual compliance certification, the permittee shall indicate that the unit is under construction and that compliance with any applicable requirements will be demonstrated within the timeframes specified in the permit.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING

REQUIREMENTS (CONTINUED)

- f. The certification shall be postmarked by January 30th of each year. **Annual compliance certifications should be mailed to the following addresses:**

Division for Air Quality
Frankfort Regional Office
643 Teton Trail, STE B
Frankfort, KY 40601-1758

Division for Air Quality
Central Files
803 Schenkel Lane
Frankfort, KY 40601

10. In accordance with 401KAR 52:030, Section 3(1)(d), the permittee shall provide the Division with all information necessary to determine its subject emissions within thirty (30) days of the date the KEIS emission survey is mailed to the permittee. If a KYEIS emission report is not mailed to the permittee, comply with all other emission reporting requirements in this permit.
11. Pursuant to Section VII (3) of the policy manual of the Division for Air Quality as referenced in 401 KAR 50:016, Section 1(1), results of performance test(s) required by the permit shall be submitted to the Division by the source or its representative within forty-five days after the completion of the fieldwork..
12. The Cabinet may authorize the temporary use of an emission unit to replace a similar unit that is taken off-line for maintenance, if the following conditions are met:
- a. The owner or operator shall submit to the Cabinet, at least ten (10) days in advance of replacing a unit, the appropriate Forms DEP7007AI to DD that show:
 - i. The size and location of both the original and replacement units; and
 - ii. Any resulting change in emissions;
 - b. The PTE of the replacement unit shall not exceed that of the original unit by more than twenty-five (25) percent of a major source threshold, and the emissions from the unit shall not cause the source to exceed the emissions allowable under the permit;
 - c. The PTE of the replacement unit or the resulting PTE of the source shall not subject the source to a new applicable requirement;
 - d. The replacement unit shall comply with all applicable requirements; and
 - e. The source shall notify Regional office of all shutdowns and start-ups.
 - f. Within six (6) months after installing the replacement unit, the owner or operator shall:
 - i. Re-install the original unit and remove or dismantle the replacement unit; or
 - ii. Submit an application to permit the replacement unit as a permanent change.

SECTION G - GENERAL PROVISIONS**(a) General Compliance Requirements**

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be a violation of 401 KAR 52:030 Section 3(1)(b) and is also a violation of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act). Noncompliance with this permit is grounds for enforcement action including but not limited to the termination, revocation and reissuance, revision, or denial of a permit [Section 1a (2) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition [Section 1a (5) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
3. This permit may be revised, revoked, reopened and reissued, or terminated for cause in accordance with 401 KAR 52:030 Section 18. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - a. If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to 401 KAR 52:030 Section 12;
 - b. The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements;
 - c. The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

4. The permittee shall furnish information upon request of the Cabinet to determine if cause exists for modifying, revoking and reissuing, or terminating the permit; or compliance with the conditions of this permit [Sections 1a (6) and (7) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].

SECTION G - GENERAL PROVISIONS (CONTINUED)

5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority [401 KAR 52:030 Section 7(1)].
6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit [Section 1a (11) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance [Section 1a (3) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
8. Except for requirements identified in this permit as state-origin requirements, all terms and conditions shall be enforceable by the United States Environmental Protection Agency and citizens of the United States [Section 1a (12)(b) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in 401 KAR 50:038 Section 3(6) [Section 1a (9) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance [401 KAR 52:030 Section 11(3)].
11. This permit does not convey property rights or exclusive privileges [Section 1a (8) of the *Cabinet Provisions and Procedures for Issuing Federally-Enforceable Permits for Non-Major Sources* incorporated by reference in 401 KAR 52:030 Section 10].
12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.
13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.
14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.

SECTION G - GENERAL PROVISIONS (CONTINUED)

15. This permit consolidates the authority of any previously issued PSD, NSR, or Synthetic minor source preconstruction permit terms and conditions for various emission units and incorporates all requirements of those existing permits into one single permit for this source.
16. Permit Shield – A permit shield shall not protect the owner or operator from enforcement actions for violating an applicable requirement prior to or at the time of permit issuance. Compliance with the conditions of this permit shall be considered compliance with:
 - (a) Applicable requirements that are included and specifically identified in this permit; and
 - (b) Non-applicable requirements expressly identified in this permit.
17. Emission units described in this permit shall demonstrate compliance with applicable requirements if requested by the Division [401 KAR 52:030 Section 3(1)(c)].
18. The authority to operate granted through this permit shall cease to apply if the source fails to submit additional information requested by the Division after the completeness determination has been made on any application, by whatever deadline the Division sets [401 KAR 52:030 Section 8(2)].

(b) Permit Expiration and Reapplication Requirements

This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division [401 KAR 52:030 Section 12].

(c) Permit Revisions

1. Minor permit revision procedures specified in 401 KAR 52:030 Section 14 (3) may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of 401 KAR 52:030 Section 14 (2).
2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority within ten (10) days following the transfer.

SECTION G - GENERAL PROVISIONS (CONTINUED)

(d) Compliance Demonstration Requirements

Big Truck Touch-Up Paint Booth – Emission Point 11
Pangborn PC4-16 Dust Collector – Emission Point 12
Small Parts Powder Coat System – Insignificant Activity
New Powder Coat System – Insignificant Activity
Powder Cure Oven – Insignificant Activity
Powder Dry Off Oven – Insignificant Activity

1. Construction of any process and/or air pollution control equipment authorized by this permit shall be conducted and completed only in compliance with the conditions of this permit.
2. Within thirty (30) days following commencement of construction and within fifteen (15) days following start-up and attainment of the maximum production rate specified in the permit application, or within fifteen (15) days following the issuance date of this permit, whichever is later, the permittee shall furnish to the Regional Office listed on the front of this permit in writing, with a copy to the Division's Frankfort Central Office, notification of the following:
 - a. The date when construction commenced.
 - b. The date of start-up of the affected facilities listed in this permit.
 - c. The date when the maximum production rate specified in the permit application was achieved.
3. Pursuant to 401 KAR 52:030, Section 3(2), unless construction is commenced within eighteen (18) months after the permit is issued, or begins but is discontinued for a period of eighteen (18) months or is not completed within a reasonable timeframe then the construction and operating authority granted by this permit for those affected facilities for which construction was not completed shall immediately become invalid. Upon written request, the Cabinet may extend these time periods if the source shows good cause.
4. For those affected facilities for which construction is authorized by this permit, a source shall be allowed to construct with the proposed permit. Operational or final permit approval is not granted by this permit until compliance with the applicable standards specified herein has been demonstrated pursuant to 401 KAR 50:055. If compliance is not demonstrated within the prescribed timeframe provided in 401 KAR 50:055, the source shall operate thereafter only for the purpose of demonstrating compliance, unless otherwise authorized by Section I of this permit or order of the Cabinet.
5. Within sixty (60) of the issuance of this permit but not later than 180 days, the permittee shall conduct a performance demonstration on the affected facilities in accordance with 401 KAR 50:055, General compliance requirements.
6. Terms and conditions in this permit established pursuant to the construction authority of 401 KAR 51:017 or 401 KAR 51:052 shall not expire.

SECTION G - GENERAL PROVISIONS (CONTINUED)

(e) Acid Rain Program Requirements

1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

(f) Emergency Provisions

1. Pursuant to 401 KAR 52:030 Section 23(1), an emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
 - a. An emergency occurred and the permittee can identify the cause of the emergency;
 - b. The permitted facility was at the time being properly operated;
 - c. During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,
 - d. The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two (2) working days of the time when emission limitations were exceeded due to an emergency. The notice shall include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken.
2. Notification of the Division does not relieve the source of any other local, state or federal notification requirements.
3. Emergency conditions listed in General Provision G(f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement [401 KAR 52:030 Section 23(3)].
4. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof[401 KAR 52:030 Section 23(2)].

SECTION G - GENERAL PROVISIONS (CONTINUED)

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 401 KAR Chapter 68, Chemical Accident Prevention, which incorporates by reference 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:

RMP Reporting Center
P.O. Box 3346
Merrifield, VA, 22116-3346

2. If requested, submit additional relevant information to the Division or the U.S. EPA.

(h) Ozone depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 - a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
 - e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, *Servicing of Motor Vehicle Air Conditioners*.

SECTION H - ALTERNATE OPERATING SCENARIOS:

NA

SECTION I - COMPLIANCE SCHEDULE:

NA